CWEMF Career Achievement Award

February 27, 2007

Career Achievement Award

- Initiated in 2004
- To individuals for significant contributions over their career in developing, using or promoting computer modeling to analyze California's water-related problems

Past Career Achievement Award Winners

- 2004 - Lyle Hoag, CUWA/CWEMF Co-Founder
- 2005 - Maury Roos, DWR
- 2006 - George Barnes, DWR

2007
Career Achievement
Award Winner

Darryl W. Davis

Darryl W. Davis

- B.S. in Civil Engineering from CSU Fresno
- M.S. in Civil Engineering from Stanford Univ.
- In 1966, began career w/ CA DWR
- Private Consultant in Asia, Africa, Middle East
- In 1971, began career with US ACE HEC
- In 1991, became HEC Director

Darryl W. Davis

- Technical Specialties
  - Surface water hydrology
  - River hydraulics
  - Water resources planning
  - Risk analysis
  - Hydropower
  - Floodplain management

Darryl W. Davis

- Oversaw development of HEC "NexGen" Project
  - HEC-RAS (river hydraulics)
  - HEC-HMS (watershed hydrology)
  - HEC-ResSim (reservoir simulation)
  - HEC-FDA (economic flood damage analysis)
- Supported by 20 public and private vendors

Darryl W. Davis

- Oversaw development of the Corps Water Management System (CWMS)
  - State-of-the-art data, modeling and decisions-support info system
  - 24/7 real-time regulation of the USACE 700 reservoir and lock and dam projects

Darryl W. Davis

- Authored/Co-authored 50 technical papers & 20 major reports
- Associate editor for ASCE's Natural Hazards Review and of the Journal of the AWRA
- Recipient of the 2005 Environment and Water Resources Institute's Julian Hinds Award
- Lectured on various water resources topics in Australia, Chile and New Zealand

Darryl W. Davis

- Retired in May 2006
- Part-time Sr. Advisor, Water Resources Engineering, USACE IWR in Wash., D.C, focusing on dam and levee safety policy and flood risk management

2007 CWEMF Career Achievement Award Winner

Darryl W. Davis

Darryl W. Davis

Career Achievement Award

In recognition of his significant contributions during his 41 years in the water resources field, including 36 years with the U.S. Army Corps of Engineers Hydrologic Engineering Center and the last 16 as its Director. As Director, he directed the development and dissemination of the Hydrologic Engineering Center's state-of-the-art public domain models for water resources planning in California and the rest of the nation.

February 27, 2007

KT Shum
CWEMF Convener

Nigel W. T. Quinn
CWEMF Past-Convener